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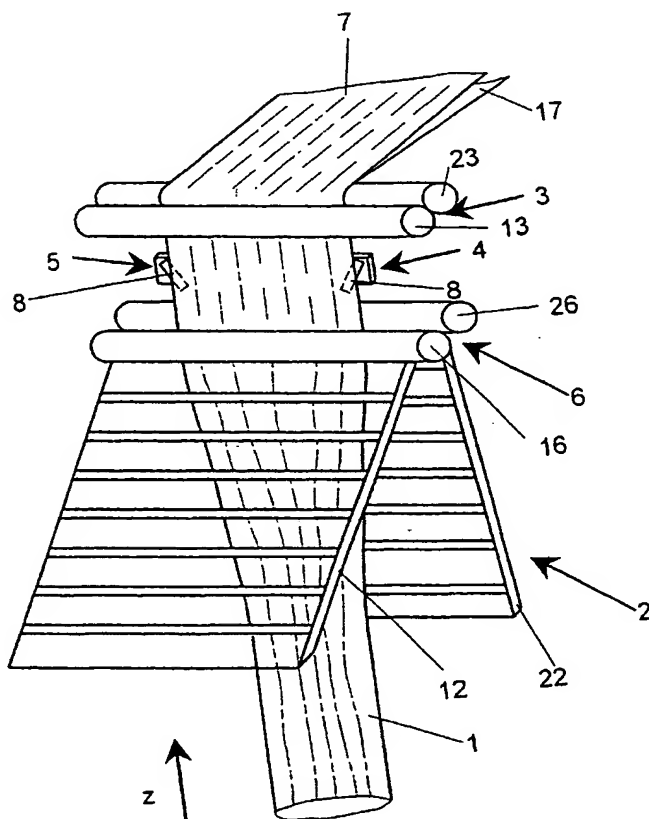
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- (81) Bestimmungsstaaten (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR,

[Fortsetzung auf der nächsten Seite]

(54) Title: DEVICE FOR PRODUCING FILM WEBS FROM A FILM TUBE BY CUTTING OPEN THE SQUEEZED AIR BUBBLE

(54) Bezeichnung: VORRICHTUNG ZUR HERSTELLUNG VON FOLIENBAHNEN AUS EINEM FOLIENSCHLAUCH DURCH AUFSCHNEIDEN ANDER ABGEQUETSCHTEN LUFTBLASE



(57) Abstract: Disclosed are a device and a method for producing film webs (7,17) from a film tube (1). Devices known in prior art comprise: - a flattening device (2) that is preferably provided with two flattening plates (12, 22) which are positioned against each other in a roof-type manner and the distance between which decreases in the direction of conveyance (z) of the tube; - a squeezing device (3) which preferably consists of a pair of squeezing rollers (13, 23); - and at least one cutting device (4, 5) which slits the film tube along the direction of conveyance thereof. The inventive device additionally comprises: - at least one pre-squeezing device (6) which is disposed upstream of the squeezing device (3) relative to the direction of conveyance (z) of the film tube and leaves a rest of air inside the film tube such that a static air cushion is formed in the zone between the squeezing device (3) and the at least one pre-squeezing device (6). The film tube (1) can be scotched in the area of the static air cushion (9) by means of the cutting device (4, 5).

(57) Zusammenfassung: Gezeigt werden eine Vorrichtung und ein Verfahren zur Herstellung von Folienbahnen (7,17) aus einem Folienschlauch (1). Vorrichtungen des Standes der Technik enthalten, - eine Flachlegevorrichtung (2), welche vorzugsweise aus zwei dachförmig gegeneinander angestellten Flachlegeplatten (12, 22) besteht, die ihren Abstand in Förderrichtung (z) des Schlauches verringern, - eine Abquetschvorrichtung (3), welche vorzugsweise

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INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/10504

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B29C47/34 B29C53/10 B29C49/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B29C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 195 01 668 C (WINDMOELLER & HOELSCHER) 22 February 1996 (1996-02-22) figure 1	1-8
A	DE 42 02 450 A (WINDMOELLER & HOELSCHER) 27 May 1993 (1993-05-27) figure 1	1-8

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

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